

## **LAZY DOCUMENT AND DATA VALIDATION**

### **ABSTRACT**

- 5 Client-side scripts are repackaged on the server side to be sent to the client with the  
corresponding data element. They are packaged to appear no earlier than the program  
location of a first corresponding data element. The document is rendered as it arrives at  
the client. In parallel, execution of the scripts to validate corresponding data elements  
occurs no sooner than rendering of the data elements. Validation of the document is  
10 delayed until the document download (and validation) has been performed.